

Ho-chul Shin

List of Publications by Year in descending order

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196
papers

5,124
citations

109321

35
h-index

128289

60
g-index

205
all docs

205
docs citations

205
times ranked

6394
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and biochemical analysis of the PTPN4 PDZ domain bound to the C-terminal tail of the human papillomavirus E6 oncoprotein. <i>Journal of Microbiology</i> , 2022, 60, 395-401.	2.8	6
2	Development of an analytical method for multi-residue quantification of 18 anthelmintics in various animal-based food products using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 68-76.	5.3	15
3	Quantification of spinosyn A and spinosyn D in animal-derived products using multiwalled carbon nanotubes coupled with LC-MS/MS for analysis. <i>Biomedical Chromatography</i> , 2021, 35, e5007.	1.7	2
4	Crystal structure of human LC8 bound to a peptide from Ebola virus VP35. <i>Journal of Microbiology</i> , 2021, 59, 410-416.	2.8	4
5	R-catcher, a potent molecular tool to unveil the arginylnome. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3725-3741.	5.4	8
6	Thirteen-week subcutaneous repeated dose toxicity study of butylparaben and its toxicokinetics in rats. <i>Archives of Toxicology</i> , 2021, 95, 2037-2050.	4.2	2
7	Simultaneous quantification of 12 veterinary drug residues in fishery products using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2021, 348, 129105.	8.2	14
8	Signaling Pathways Regulated by UBR Box-Containing E3 Ligases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8323.	4.1	23
9	Molecular Analysis of the Interaction between Human PTPN21 and the Oncoprotein E7 from Human Papillomavirus Genotype 18. <i>Molecules and Cells</i> , 2021, 44, 26-37.	2.6	13
10	Simultaneous Quantification of Chloramphenicol, Thiamphenicol, Florfenicol, and Florfenicol Amine in Animal and Aquaculture Products Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Frontiers in Nutrition</i> , 2021, 8, 812803.	3.7	11
11	Crystallization and preliminary diffraction analysis of the phosphatase domain of PTPN14 in the human papillomavirus E7 binding-defective mutant form. <i>Biodesign</i> , 2021, 9, 63-66.	0.4	0
12	Identification of MYC as an antineoplastic protein that stifles RIPK1-RIPK3 complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19982-19993.	7.1	17
13	Aryl Sulfonamides Induce Degradation of Aryl Hydrocarbon Receptor Nuclear Translocator through CRL4DCAF15 E3 Ligase. <i>Molecules and Cells</i> , 2020, 43, 935-944.	2.6	8
14	Structural and Biochemical Characterization of the Two Drosophila Low Molecular Weight-Protein Tyrosine Phosphatases DARP and Primo-1. <i>Molecules and Cells</i> , 2020, 43, 1035-1045.	2.6	0
15	Evidence for binary Smc complexes lacking kite subunits in archaea. <i>IUCr</i> , 2020, 7, 193-206.	2.2	1
16	Crystal Structure of the YAP-binding Domain of Human TEAD1. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 74-77.	1.9	2
17	Structural basis for recognition of the tumor suppressor protein PTPN14 by the oncoprotein E7 of human papillomavirus. <i>PLoS Biology</i> , 2019, 17, e3000367.	5.6	45
18	Structural and Physiological Exploration of Salmonella Typhi YfdX Unveils Its Dual Function in Bacterial Antibiotic Stress and Virulence. <i>Frontiers in Microbiology</i> , 2019, 9, 3329.	3.5	15

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19	Development and validation of a solid-phase extraction method coupled with LC-MS/MS for the simultaneous determination of 16 antibiotic residues in duck meat. <i>Biomedical Chromatography</i> , 2019, 33, e4501.	1.7	12
20	Simultaneous determination of spinosad, temephos, and piperonyl butoxide in animal-derived foods using LC-MS/MS. <i>Biomedical Chromatography</i> , 2019, 33, e4493.	1.7	10
21	Residue analysis of tebufenozide and indoxacarb in chicken muscle, milk, egg and aquatic animal products using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019, 33, e4522.	1.7	6
22	Quantitative determination of carbasalate calcium derived metabolites, acetylsalicylic acid and salicylic acid, in six animal foods using liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2019, 278, 744-750.	8.2	16
23	Residual detection of naproxen, methyltestosterone and 17 β -hydroxyprogesterone caproate in aquatic products by simple liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019, 33, e4396.	1.7	9
24	A modified QuEChERS method coupled with liquid chromatography-tandem mass spectrometry for the simultaneous detection and quantification of scopolamine, L-hyoscyamine, and sparteine residues in animal-derived food products. <i>Journal of Advanced Research</i> , 2019, 15, 95-102.	9.5	23
25	Oligomer Model of PB1 Domain of p62/SQSTM1 Based on Crystal Structure of Homo-Dimer and Calculation of Helical Characteristics. <i>Molecules and Cells</i> , 2019, 42, 729-738.	2.6	2
26	Method development, matrix effect, and risk assessment of 49 multiclass pesticides in kiwifruit using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1076, 130-138.	2.3	27
27	Determination of metoserpate, buquinolate, and diclofenac in pork, eggs, and milk using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4215.	1.7	5
28	Targeted knockout of a chemokine-like gene increases anxiety and fear responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1041-E1050.	7.1	39
29	Simultaneous determination of clonbutin, dichlorvos, and naftazone in pork, beef, chicken, milk, and egg using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 252, 40-48.	8.2	13
30	Residual dynamic and risk assessment of dimethomorph in Swiss chard grown at two different sites. <i>Biomedical Chromatography</i> , 2018, 32, e4053.	1.7	11
31	Chromatographic determination, decline dynamic and risk assessment of sulfoxaflor in Asian pear and oriental melon. <i>Biomedical Chromatography</i> , 2018, 32, e4101.	1.7	7
32	Dynamic residual pattern of azoxystrobin in Swiss chard with contribution to safety evaluation. <i>Biomedical Chromatography</i> , 2018, 32, e4092.	1.7	10
33	Development and validation of a simple solid-phase extraction method coupled with liquid chromatography-triple quadrupole tandem mass spectrometry for simultaneous determination of lincomycin, tylosin A and tylosin B in royal jelly. <i>Biomedical Chromatography</i> , 2018, 32, e4145.	1.7	5
34	Dissipation kinetics, pre-harvest residue limits, and dietary risk assessment of the systemic fungicide metalaxyl in Swiss chard grown under greenhouse conditions. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 201-206.	2.7	12
35	Ligand-Dependent Interaction of PPAR γ With T-Cell Protein Tyrosine Phosphatase 45 Enhances Insulin Signaling. <i>Diabetes</i> , 2018, 67, 360-371.	0.6	13
36	Development and validation of modified QuEChERS method coupled with LC-MS/MS for simultaneous determination of cymiazole, fipronil, coumaphos, fluvalinate, amitraz, and its metabolite in various types of honey and royal jelly. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 60-69.	2.3	47

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37	Analytical approach, dissipation pattern and risk assessment of pesticide residue in green leafy vegetables: A comprehensive review. <i>Biomedical Chromatography</i> , 2018, 32, e4134.	1.7	33
38	A quick and effective methodology for analyzing dinotefuran and its highly polar metabolites in plum using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 239, 1235-1243.	8.2	21
39	Identification of N-(5-(phenoxyethyl)-1,3,4-thiadiazol-2-yl)acetamide derivatives as novel protein tyrosine phosphatase epsilon inhibitors exhibiting anti-osteoclastic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5204-5211.	3.0	2
40	Determination of endrin and Î-keto endrin in five food products of animal origin using GC-Î¼ECD: A modified QuEChERS approach to traditional detection. <i>Food Chemistry</i> , 2018, 263, 59-66.	8.2	16
41	Quantification of artesunate and its metabolite, dihydroartemisinin, in animal products using liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 3538-3546.	2.5	5
42	Determination of halquinol residual levels in animal-derived food products using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4339.	1.7	2
43	Structural study reveals the temperature-dependent conformational flexibility of Tk-PTP, a protein tyrosine phosphatase from <i>Thermococcus kodakaraensis</i> KOD1. <i>PLoS ONE</i> , 2018, 13, e0197635.	2.5	9
44	Simultaneous determination and identity confirmation of thiodicarb and its degradation product methomyl in animal-derived foodstuffs using high-performance liquid chromatography with fluorescence detection and tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 97-104.	2.3	10
45	Dissipation kinetics and pre-harvest residue limit of pyriofenone in oriental melon (<i>Cucumis</i>) <i>Tj ETQq1 1 0.784314 rgBT/O</i> <i>Chromatography</i> , 2017, 31, e3965.	1.7	12
46	Simultaneous determination of sulfoxaflor and its metabolites, X11719474 and X11721061, in brown rice and rice straw after field application using LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 99-111.	3.3	19
47	Liquid chromatography-tandem mass spectrometry quantification of acetamiprid and thiacloprid residues in butterbur grown under regulated conditions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1055-1056, 172-177.	2.3	30
48	A <i>Dalbergia odorifera</i> extract improves the survival of endotoxemia model mice by inhibiting HMGB1 release. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 212.	3.7	11
49	Decline pattern and risk assessment of cyenopyrafen in different varieties of Asian pear using liquid chromatography and tandem mass spectrometry. <i>Food Science and Biotechnology</i> , 2017, 26, 537-543.	2.6	14
50	Analysis of toldimfos in porcine muscle and bovine milk using liquid chromatography-triple quadrupole mass spectrometry. <i>Biomedical Chromatography</i> , 2017, 31, e3996.	1.7	3
51	Simultaneous detection of sulfoxaflor and its metabolites, X11719474 and X11721061, in lettuce using a modified QuEChERS extraction method and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2017, 31, e3885.	1.7	18
52	LC-MS/MS characterization, anti-inflammatory effects and antioxidant activities of polyphenols from different tissues of Korean <i>Petasites japonicus</i> (Meowi). <i>Biomedical Chromatography</i> , 2017, 31, e4033.	1.7	15
53	Residual detection of buparvaquone, nystatin, and etomidate in animal-derived food products in a single chromatographic run using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2017, 237, 1202-1208.	8.2	6
54	Determination of fenobucarb residues in animal and aquatic food products using liquid chromatography-tandem mass spectrometry coupled with a QuEChERS extraction method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1058, 1-7.	2.3	25

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55	Dissipation pattern and risk quotients assessment of amisulbrom in Korean melon cultivated in plastic house conditions. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 302.	2.7	9
56	Flavone polyphenols dominate in <i>Thymus schimperi</i> Ronniger : LC-ESI-MS/MS characterization and study of anti-proliferative effects of plant extract on AGS and HepG2 cancer cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1053, 1-8.	2.3	30
57	A simple extraction method for the detection and quantification of polyoxin D, a nucleoside antibiotic, in butterbur using UPLC-MS/MS. <i>Food Chemistry</i> , 2017, 221, 683-688.	8.2	8
58	Simple extraction method for quantification of phenothiazine residues in pork muscle using liquid chromatography-triple quadrupole tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2017, 31, e3891.	1.7	1
59	Decline patterns and risk assessment of 10 multi-class pesticides in young sprout amaranth (<i>Amaranthus mangostanus</i>) under greenhouse growing conditions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 24880-24895.	5.3	7
60	Quantification of bupivacaine hydrochloride and isoflupredone acetate residues in porcine muscle, beef, milk, egg, shrimp, flatfish, and eel using a simplified extraction method coupled with liquid chromatography-triple quadrupole tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1065-1066, 29-34.	2.3	8
61	Bithionol residue analysis in animal-derived food products by an effective and rugged extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1064, 100-108.	2.3	12
62	Structure of Full-Length SMC and Rearrangements Required for Chromosome Organization. <i>Molecular Cell</i> , 2017, 67, 334-347.e5.	9.7	151
63	Crystal structures of two forms of the <i>Acanthamoeba polyphaga</i> mimivirus Rab GTPase. <i>Archives of Virology</i> , 2017, 162, 3407-3416.	2.1	5
64	Residue analysis of picoxystrobin in oriental melon using gas chromatography coupled with electron capture detection and mass spectrometric confirmation: application to dissipation kinetics and risk assessment. <i>Food Science and Biotechnology</i> , 2017, 26, 1145-1153.	2.6	10
65	Dissipation kinetics, pre-harvest residue limits, and hazard quotient assessments of pesticides flubendiamide and fluopicolide in Korean melon (<i>Cucumis melo</i> L. var. <i>makuwa</i>) grown under regulated conditions in plastic greenhouses. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22241-22250.	5.3	10
66	Sustainability of CD24 expression, cell proliferation and migration, cisplatin-resistance, and caspase-3 expression during mesenchymal-epithelial transition induced by the removal of TGF- β 1 in A549 lung cancer cells. <i>Oncology Letters</i> , 2017, 14, 2410-2416.	1.8	7
67	Simultaneous quantification of methiocarb and its metabolites, methiocarb sulfoxide and methiocarb sulfone, in five food products of animal origin using tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1060, 387-394.	2.3	13
68	Uptake of the veterinary antibiotics chlortetracycline, enrofloxacin, and sulphathiazole from soil by radish. <i>Science of the Total Environment</i> , 2017, 605-606, 322-331.	8.0	77
69	The disappearance rate and risk assessment of thiacloprid residues in Asian pear using liquid chromatography confirmed with tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2017, 31, e3861.	1.7	10
70	Development of a single-run analytical method for the detection of ten multiclass emerging contaminants in agricultural soil using an acetate-buffered QuEChERS method coupled with LC-MS/MS. <i>Journal of Separation Science</i> , 2017, 40, 415-423.	2.5	37
71	Quick, easy, cheap, effective, rugged, and safe sample preparation approach for pesticide residue analysis using traditional detectors in chromatography: A review. <i>Journal of Separation Science</i> , 2017, 40, 203-212.	2.5	50
72	Application of a solvent-free solid injection technique coupled with GC-MS for discrimination between the secondary metabolites of wild and cultivated South Korean medicinal foods. <i>Biomedical Chromatography</i> , 2017, 31, e3896.	1.7	3

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73	The Discovery of Novel Protein Tyrosine Phosphatase $\hat{\mu}$ Inhibitors Using a High-throughput Screening Approach. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 44-53.	1.9	1
74	Structural and biochemical analysis of atypically low dephosphorylating activity of human dual-specificity phosphatase 28. <i>PLoS ONE</i> , 2017, 12, e0187701.	2.5	3
75	Simultaneous determination of water-soluble whitening ingredients and adenosine in different cosmetic formulations by high-performance liquid chromatography coupled with photodiode array detection. <i>International Journal of Cosmetic Science</i> , 2016, 38, 286-293.	2.6	19
76	Various extraction methods for detection of bistrifluron residues in Asian pear using high-performance liquid chromatography: application to dissipation patterns under open-field conditions. <i>Biomedical Chromatography</i> , 2016, 30, 1535-1540.	1.7	8
77	QuEChERS method for the simultaneous quantification of phorate and its metabolites in porcine and chicken muscle and table eggs using ultra-high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 2079-2086.	2.5	21
78	Determination of residual levels of naloxone, yohimbine, thiophanate, and altrenogest in porcine muscle using QuEChERS with liquid chromatography and triple quadrupole mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 835-841.	2.5	10
79	A combined liquid chromatography-triple-quadrupole mass spectrometry method for the residual detection of veterinary drugs in porcine muscle, milk, and eggs. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 348.	2.7	4
80	The polyphenolic profiles and antioxidant effects of <i>Agastache rugosa</i> Kuntze (Banga) flower, leaf, stem and root. <i>Biomedical Chromatography</i> , 2016, 30, 225-231.	1.7	39
81	Residue level and dissipation pattern of lepimectin in shallots using high-performance liquid chromatography coupled with photodiode array detection. <i>Biomedical Chromatography</i> , 2016, 30, 1835-1842.	1.7	10
82	Discovery of Novel Striatum-enriched Protein Tyrosine Phosphatase Inhibitors Through Structure-based Virtual Screening. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1783-1788.	1.9	2
83	Detection of three herbicide, and one metabolite, residues in brown rice and rice straw using various versions of the QuEChERS method and liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 210, 442-450.	8.2	40
84	Effects of light shading and climatic conditions on the metabolic behavior of flonicamid in red bell pepper. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 144.	2.7	6
85	Determination of residual levels of metrafenone in lettuce grown under greenhouse conditions using gas chromatography with a micro-electron capture detector. <i>Applied Biological Chemistry</i> , 2016, 59, 43-49.	1.9	12
86	Simultaneous detection of fluquinconazole and flusilazole in lettuce using gas chromatography with a nitrogen phosphorus detector: decline patterns at two different locations. <i>Biomedical Chromatography</i> , 2016, 30, 946-952.	1.7	12
87	An overview on common aspects influencing the dissipation pattern of pesticides: a review. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 693.	2.7	77
88	Crystal structure of SP-PTP, a low molecular weight protein tyrosine phosphatase from <i>Streptococcus pyogenes</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1217-1222.	2.1	7
89	Simultaneous determination of seven multiclass veterinary antibiotics in surface water samples in the Republic of Korea using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 4688-4699.	2.5	23
90	Polyphenolic profile and antioxidant effects of various parts of <i>Artemisia annua</i> L.. <i>Biomedical Chromatography</i> , 2016, 30, 588-595.	1.7	29

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91	Analysis of mandipropamid residual levels through systematic method optimization against the matrix complexity of sesame leaves using HPLC/UVD. <i>Biomedical Chromatography</i> , 2016, 30, 990-995.	1.7	18
92	Simultaneous Detection of Glabridin, (âˆ™)-Î±-Bisabolol, and Ascorbyl Tetraisopalmitate in Whitening Cosmetic Creams Using HPLC-PAD. <i>Chromatographia</i> , 2016, 79, 851-860.	1.3	11
93	Simple extraction method requiring no cleanup procedure for the detection of minocycline residues in porcine muscle and milk using triple quadrupole liquid chromatography-tandem mass spectrometry. <i>Applied Biological Chemistry</i> , 2016, 59, 297-303.	1.9	2
94	Antioxidant activities and liquid chromatography with electrospray ionization tandem mass spectrometry characterization and quantification of the polyphenolic contents of Rumex nervosus Vahl leaves and stems. <i>Journal of Separation Science</i> , 2016, 39, 1433-1441.	2.5	16
95	Residual determination and risk assessment of buprofezin in plum (<i>Prunus domestica</i>) grown in open field conditions following the application of three different formulations. <i>Biomedical Chromatography</i> , 2016, 30, 1721-1727.	1.7	16
96	Simultaneous detection of flumethasone, dl -methylephedrine, and 2-hydroxy-4,6-dimethylpyrimidine in porcine muscle and pasteurized cow milk using liquid chromatography coupled with triple-quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1012-1013, 8-16.	2.3	14
97	Contributing effect of various washing procedures and additives on the decline pattern of diethofencarb in crown daisy, a model of leafy vegetables. <i>Food Chemistry</i> , 2016, 201, 153-159.	8.2	9
98	Development of a high-performance liquid chromatography with fluorescence detection method for quantification of piperazine in animal products by using precolumn derivatization. <i>Food Chemistry</i> , 2016, 196, 1331-1337.	8.2	9
99	A simple extraction method for the simultaneous detection of tetramisole and diethylcarbamazine in milk, eggs, and porcine muscle using gradient liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 192, 299-305.	8.2	20
100	Identification of a Highly Conserved Hypothetical Protein TON_0340 as a Probable Manganese-Dependent Phosphatase. <i>PLoS ONE</i> , 2016, 11, e0167549.	2.5	1
101	Preparation of a Monoclonal Antibody against Gintonin and Its Use in an Enzyme Immunoassay. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 1631-1637.	1.4	2
102	Dietary-flavonoid-rich flowers of Rumex nervosus Vahl: Liquid chromatography with electrospray ionization tandem mass spectrometry profiling and in vitro anti-inflammatory effects. <i>Journal of Separation Science</i> , 2015, 38, 3345-3353.	2.5	23
103	Simultaneous determination of aminopyrine and antipyrine in porcine muscle, milk, and eggs using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 4048-4054.	2.5	3
104	A combination of solid-phase extraction and dispersive solid-phase extraction effectively reduces the matrix interference in liquid chromatography-ultraviolet detection during pyraclostrobin analysis in perilla leaves. <i>Biomedical Chromatography</i> , 2015, 29, 1932-1936.	1.7	13
105	Effect of eicosapentaenoic acid on cholesterol gallstone formation in C57BL/6J mice. <i>Molecular Medicine Reports</i> , 2015, 11, 362-366.	2.4	6
106	Simple extraction method using syringe filter for detection of ethephon in tomatoes by negative-ion mode liquid chromatography with tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2015, 29, 1480-1485.	1.7	7
107	Simultaneous determination of arbutin and its decomposed product hydroquinone in whitening creams using high-performance liquid chromatography with photodiode array detection: Effect of temperature and pH on decomposition. <i>International Journal of Cosmetic Science</i> , 2015, 37, 567-573.	2.6	28
108	Single-step multiresidue determination of ten multiclass veterinary drugs in pork, milk, and eggs using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 2772-2780.	2.5	19

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109	Crystal structure of Hop2 and Mnd1 and mechanistic insights into its role in meiotic recombination. <i>Nucleic Acids Research</i> , 2015, 43, 3841-3856.	14.5	42
110	Analysis of DDT and its metabolites in soil and water samples obtained in the vicinity of a closed-down factory in Bangladesh using various extraction methods. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 743.	2.7	12
111	Anti-proliferative action of IL-6R-targeted antibody tocilizumab for non-small cell lung cancer cells. <i>Oncology Letters</i> , 2015, 9, 2283-2288.	1.8	36
112	Molecular Basis for SMC Rod Formation and Its Dissolution upon DNA Binding. <i>Molecular Cell</i> , 2015, 57, 290-303.	9.7	126
113	Characterization of secondary metabolite compounds correlated with the seasons in <i>Artemisia princeps</i> var. <i>orientalis</i> (Pamp.) H. Hara leaves using direct sample injection and gas chromatography-mass spectrometry: contribution to phytotoxicity. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 173-183.	0.9	5
114	Oral toxicity of isotretinoin, misoprostol, methotrexate, mifepristone and levonorgestrel as pregnancy category X medications in female mice. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 853-859.	1.8	4
115	Colorimetric detection of penicillin antibiotic residues in pork using hybrid magnetic nanoparticles and penicillin class-selective, antibody-functionalized platinum nanoparticles. <i>Analytical Methods</i> , 2015, 7, 7639-7645.	2.7	21
116	Detecting fludioxonil residues in brown rice and rice straw using gas chromatography-nitrogen phosphorus detector. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 213-217.	0.9	4
117	Simultaneous detection of bacitracin and polymyxin B in livestock products using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 2371-2380.	2.5	11
118	Dynamic behaviour and residual pattern of thiamethoxam and its metabolite clothianidin in Swiss chard using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2015, 174, 248-255.	8.2	54
119	Gintonin, a novel ginseng-derived lysophosphatidic acid receptor ligand, stimulates neurotransmitter release. <i>Neuroscience Letters</i> , 2015, 584, 356-361.	2.1	33
120	Lpg0393 of <i>Legionella pneumophila</i> is a Guanine-Nucleotide Exchange Factor for Rab5, Rab21 and Rab22. <i>PLoS ONE</i> , 2015, 10, e0118683.	2.5	16
121	SMC condensin entraps chromosomal DNA by an ATP hydrolysis dependent loading mechanism in <i>Bacillus subtilis</i> . <i>ELife</i> , 2015, 4, .	6.0	130
122	Effect of zinc oxide nanoparticles on dams and embryo-fetal development in rats. <i>International Journal of Nanomedicine</i> , 2014, 9 Suppl 2, 145.	6.7	19
123	Prenatal development toxicity study of zinc oxide nanoparticles in rats. <i>International Journal of Nanomedicine</i> , 2014, 9 Suppl 2, 159.	6.7	26
124	Determination of imidocarb in animal biosamples using simple high-performance liquid chromatography with diode-array detection. <i>Biomedical Reports</i> , 2014, 2, 89-92.	2.0	5
125	Ginseng Gintonin Activates the Human Cardiac Delayed Rectifier K ⁺ Channel: Involvement of Ca ²⁺ /Calmodulin Binding Sites. <i>Molecules and Cells</i> , 2014, 37, 656-663.	2.6	18
126	Crystal structure and CRISPR RNA-binding site of the Cmr1 subunit of the Cmr interference complex. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 535-543.	2.5	10

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